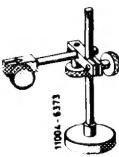


Wheel bearing end play

Adjusting value	0.01–0.02
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Special tools

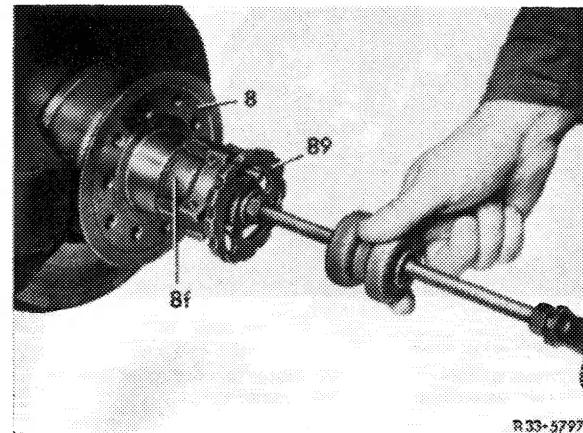
Tool for removing and replacing hub-caps	 11004-7127	116 589 22 33 00
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Holder for dial gauge to adjust wheel bearing end play	 1001-6173	116 589 12 21 00
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Conventional tool

Dial gauge A 1 DIN 878	e. g. made by Mahr, D-7300 Esslingen, no. 810
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- Remove front wheel.
- Press brake shoes away from brake disc.
- Remove hub-cap with special tool.
- Remove contact spring for radio interference suppressor from wheel spindle.

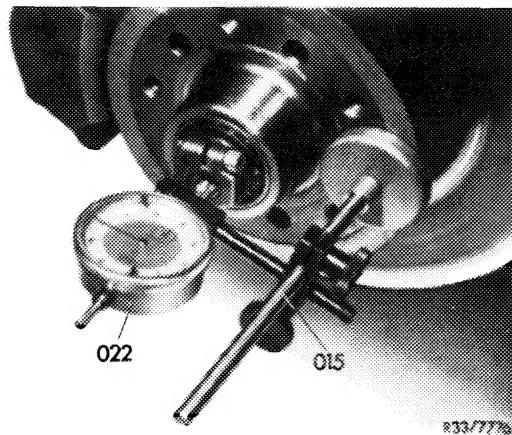


R 33-5797

- Attach measuring instrument and set dial gauge to approx. 2 mm pretension.

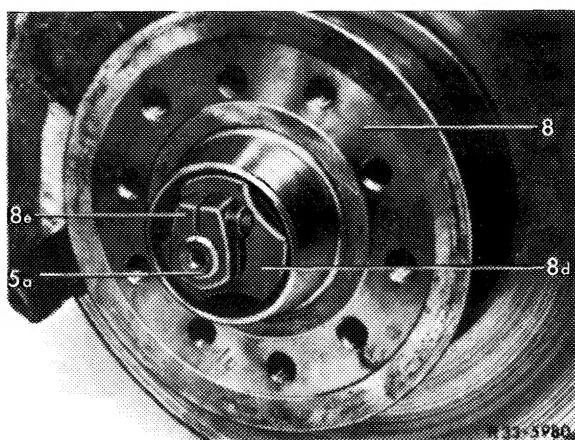
Note: When readjusting wheel bearing play prior to attaching tester, tighten clamping nut while constantly rotating hub until turning requires considerable effort. Then release clamping nut again for approx. 1/3 turn and release tension by applying a blow against wheel spindle.

- Firmly push and pull the flange on the front wheel hub several times and read off wheel bearing play.
- Adjust to correct bearing play using locking nut. After every adjustment tighten hexagonal socket screw of locking nut and spin the hub several times.



R 33-7778

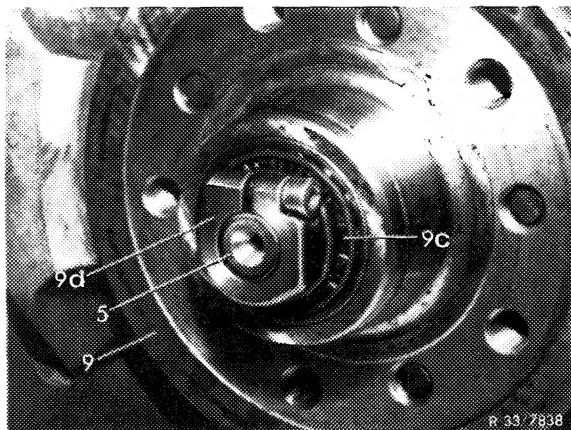




Models 107, 114, 115

8 Front wheel hub 8e Locking nut
8d Disc

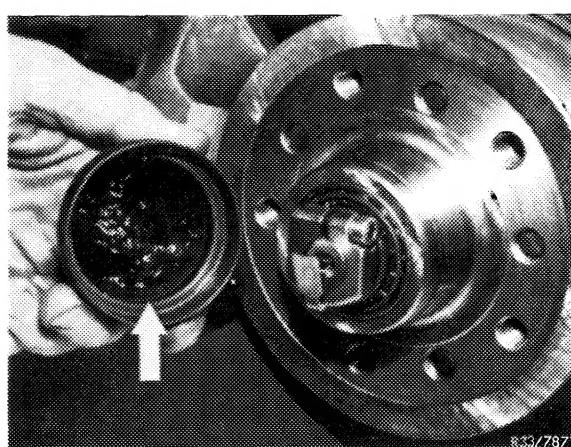
- On models 107, 114 and 115 an additional check can be made by turning the disc (8d) between the inner race of the outer tapered roller bearing and the locking nut. **The disc should just turn when pushed with the finger.**



Models 116, 123

5 Wheel spindle 9c Outer tapered roller bearing
9 Front wheel hub 9d Clamping nut

Note: On models 116 and 123 no additional checkup is possible, since there is no disc.



- Check hexagonal socket screw of locking nut for firm seat.
- Insert contact spring for radio interference suppression.
- Fill hub-cap with grease (up to flanged edge) (refer to job no. 388).
- Re-fit hub-cap using special tool (89).
- Mount front wheel.